

THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
L
F

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXVII NUMBER 11

NOVEMBER 2019

EBARC Meetings

November 8, 7:30 p.m.
"Hornet Amateur Radio Club"
Jerry Inman, AE6I



EBARC meets this month upstairs at Ace Monster Toys,
6050 Lowell St., #214, Oakland, CA 94608

The Executive Board meets monthly before each general meeting. For the date,
time, & location, contact President Todd Tachout, at thteach@sonic.net.

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Dec. issue: Tues., Nov. 19th

[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

November 8th EBARC Meeting

Katie Carney, KN6APB

History and Hams Go Hand in Hand!

Jerry Inman, AE6I, will be the featured speaker at November's club meeting. Jerry is the Radio Division lead aboard the USS Hornet (Air and Space Museum) and President of the Hornet Amateur Radio Club.

Jerry will talk about the long and integral history of radio communications aboard the Hornet (the ship that launched the Doolittle Raid *and* picked up the Apollo astronauts). He'll also tell us how HARC works to preserve and promote the legacy of the ship. He'll discuss the club's current operating environment and touch on the club's Antenna Restoration Project.

Be sure to attend this meeting at Ace Monster Toys, *not* at the church in El Sobrante!

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

Alternate Meeting Location Nov. 8th!

We will meet at 7:30 p.m. November 8th at Ace Monster Toy's upstairs meeting room. Unfortunately, there are stairs with no handicap access. The location is 6050 Lowell St. #214 Oakland, CA 94608. Parking can be had on the street nearby. The neighborhood is like Berkeley south of Campus. This is a maker space, and we are the guests of Martin Rothfield, W6MRR, (for which we thank him).

2020 EBARC Officers Election

EBARC needs YOU to step up and stand for election to one of the Executive Committee positions. The positions are; President, 1st VP (Program Chair), 2nd VP (Hospitality), 3rd VP (Membership), Secretary, and Treasurer.

To be nominated, please contact Craig Hauger at cramaha@comcast.net or 672-8382.

Nominations will be also be accepted (and completed) at the November meeting. The election will be in mid-November by snail mail, to be counted at December's meeting.

4Cs/EBARC Holiday Party

Our Christmas party will be held at Denny's, 11344 San Pablo Ave., El Cerrito on Saturday December 7th. The festivities will run from 11:30 a.m. - 2:30 p.m. We can order from Denny's menu and pay for our meal(s) as we leave. There will be a gift for everyone. We have a capacity of 35 guests. Please RSVP, as soon as you can, to Burgie Jones, KE6MSF, burgie0001@yahoo.com. She needs to give Denny's manager a total for our party. We hope to see you there!

Check out our new HRO ad!

High Altitude Balloon Launch Mathison Ott, KJ6DZB

Martin Rothfield is leading a team which will launch a High Altitude Balloon (HAB). Target launch is noon on October 27th from the East May Mini Makers Faire at Park Day School in Oakland. For an overview of the exact launch site and probable path while in the air, see <https://www.qsl.net/kj6dzb/HAM/henry-2.html>.

See Faire details at
<https://eastbay.makerfaire.com/>.

For additional info contact me at
mathisono@gmail.com.

Treasurer's Report July 2019 Maria Hauger, KI6ENT, Treasurer

JULY GENERAL FUND¹

Beginning Balance \$8,273.73

Income:

New Member: KN6CRP \$15.00
Donation: KN6CRP 5.00
Earned Interest 0.05
ARRL Member renewal 2.00
Equipment sale (Mathison) 100.00
PayPal Balance (7/28/19) 96.80
Refreshment Kitty: 20.00
Total General Income: \$238.85

Disbursements:

Field Day signs \$73.59
Field Day generator 581.25
Field Day Fire Extinguisher Maint. ... 298.01
Projector extension cord 43.38
GoDaddy 2-year dues 42.34
Total General Disbursements \$1,038.57

Ending Balance \$7,474.01
(portion as petty cash (\$40.00))

¹\$100 earmarked for youth scholarships.

Treasurer's Report August 2019 Maria Hauger, KI6ENT, Treasurer

SEPTEMBER GENERAL FUND¹

Beginning Balance \$7,474.01

Income:

Earned Interest \$0.05
Total General Income: \$0.05

Disbursements:

Total General Disbursements \$0.00

Ending Balance \$7,474.06
(portion as petty cash (\$40.00))

¹\$100 earmarked for youth scholarships.

Treasurer's Report September 2019 Maria Hauger, KI6ENT, Treasurer

SEPTEMBER GENERAL FUND¹

Beginning Balance \$7,474.06

Income:

New Member: \$7.50
Earned Interest 0.05
Sale of Drake equipment 500.00
Refreshment Kitty: 27.80
Total General Income: \$535.35

Disbursements:

Refreshments (Sharon) \$64.06
Total General Disbursements \$64.06

Ending Balance \$7,945.35
(portion as petty cash (\$40.00))

¹\$100 earmarked for youth scholarships.

Light up the San Francisco Bay

Jeff Miller, KJ6RHF

Here's some information on the "*Light Up the San Francisco Bay*" drill on November 16, 2019. There will be more finalized plans to come. It is hoped that next year it will include more counties, cities and other entities around the Bay Area.

See <https://www.eventbrite.com/e/light-up-the-bay-emergency-communications-drill-tickets-73890473395>

Also see:

<https://drive.google.com/file/d/1OFs3xLgrGJwaHk1ioEG2W6YmVBSMBab/view?usp=drivesdk>

General Meeting Minutes

Sharon Primbsch, AA6XZ, Acting Secty.

Opening: The General EBARC meeting at the El Sobrante United Methodist Church Friday, October 11, 2019 was called to order about 7:50 p.m. by 3rd Vice President Sharon Primbsch, AA6XZ (at 2nd VP Craig's request). It was announced that Ken recently resigned as President due to demands on his time for the care of his wife. Nine members signed the sign-in sheet, and about five other members were also present. There was a round of introductions. Martin Rothfield reported that the High Altitude Balloon had reached its donations goal, but there was still a little uncertainty as to the exact location of the launch Oct 27th (in or very near Mini Maker Faire at Park Day School in Oakland). Last month's general meeting minutes, as published in *The Blown Fuse*, were approved by voice vote.

Education: Ken is still teaching his Tech class. There's no news about future classes.

Program: We'll hopefully elect our replacement 2019 1st VP and President tonight.

Tonight's program will be part of an ARRL video series. November's tentative program is about the USS Hornet's ham club.

Hospitality: Refreshments tonight by Craig (recovering his health) and Sharon. Please "Feed the Kitty."

Membership: Sharon reported that we have one new member, Martha Richards, and one returning member, Martin Rothfield.

Newsletter: Sharon reported that the deadline for the November newsletter is October 22nd.

VE Activities: Sharon reported that there's a VE session for a UC Berkeley EECS seminar on Oct 16th, a regular quarterly session Oct 27th (Albert Goto & Morie Oberg to preside), and a session Nov. 13th for Ken's class.

Secretary: Robin Spalding was absent.

Treasurer: Maria Hauger gave details of her report. Our balance is currently \$7,945.35.

Members-at-Large: Todd Teachout mentioned our effort to obtain an El Cerrito meeting site. Mathison Ott was not present.

Announcements: We were reminded to attend Pacifcon later this month.

Old Business: The club has been notified to vacate its equipment storage space at SK Jim Fast's former house ASAP. At the Oct. 6th Executive Committee meeting, Mathison Ott led a successful discussion for doing the move perhaps Oct. 13th. Several non-board EBARC members who also participated in the discussion that evening were Jeff Miller, Howdy Goudey, Stanton Gleason, and Katie Carney.

Sharon, acting in Ken's absence, gave a summary of the current status of the club:

- As of the September general meeting we were down from eight Executive Board

members to two elected and two appointed members. It's impossible to run a club without officers, and she's hoping for a full slate at the end of the November meeting.

- The paper election and renewal will be mailed shortly after the November meeting, but if there's no full slate of officers, renewal checks won't be cashed pending the December meeting.
- At the December meeting, three volunteers will count the ballots. If we have all six elected officers, they'll be installed. Otherwise there will be a discussion of dissolving the club and donating its assets to a 501(c)(3) organization.

Sharon then summarized the accomplishments of 2019 club officers:

- Collected a list of potential presentation subjects that was voted on by the members
- Triaged and updated EBARC's inventory. It will now be easier to keep up to date, especially for our insurance
- Sold or purged (future door prizes?) excess EBARC equipment
- Continued work on a permanent or near-permanent equipment storage site
- Continued conducting the search for a new meeting site, more accessible and further south.
- Continued searching for new teaching site(s).
- Continued the discussion of potential 501(c)(3) status; including a survey of other clubs, and a presentation to the Board by an expert. The issue is currently tabled, because this new status probably wouldn't get us donations for ongoing expenses (meeting and storage spaces). It would be relatively quick, inexpensive, and easy for us to convert, if necessary, in the future.

- Secured the Treasurer gmail account and subsumed the Station fund into the General fund.
- Began a discussion to have EBARC's money earn more for the club.
- Currently testing a draft "EBARC Office" Google account. The intent is to facilitate communications amongst the Board, with our members, and with the outside world. It is also designed as a centralized repository of current and historical EBARC information that would specifically facilitate officer succession and potential 501(c)(3) conversion (if necessary). All (and only) current Executive Committee members are to have password access, and should keep the data there up-to-date.

Before pausing the business meeting for refreshments, Sharon expressed her opinion that 2020 Executive Committee meetings would best be done the same day as the general meeting, beforehand or afterwards, but in a separate space (to minimize distractions). She hopes this will encourage members to run for 2020 office, since we all have busy lives.

After the refreshment break, the old business of electing a replacement 2019 1st Vice President was continued. Katie Carney was nominated, nominations were closed, and she was elected.

New Business: Nominations for a replacement 2019 President (to replace Ken Fowler) were opened. Todd Teachout was nominated, nominations were closed, and he was elected.

Nominations for all 2020 officers were opened and will remain open through the November general meeting. So far, Katie Carney has been nominated for 1st VP, and Sharon Primbsch has been nominated for 3rd VP. Potential nominees can contact Craig Hauger.

Closing: There being no further business, the business meeting was adjourned about 8:50 p.m.

Next Meeting: The next meeting will be at 7:30 p.m. on Friday, November 8, 2019. *[It's possible that this place and/or date will change! – Editor]*

Presentation: We watched the first segment of "The ARRL Film Collection" DVD, which was a peek at our 1950s history.



East Bay Radio Club in the 1940s
(from Neill B. Scott, formerly KD6WPT)

UPDATED NATIONAL EMERGENCY COMMUNICATIONS PLAN RELEASE

[from FEMA Sept. 25, 2019]

Today, the Department of Homeland Security (DHS) Cybersecurity and Infrastructure Security Agency (CISA) released the updated National Emergency Communications Plan (NECP), the Nation's roadmap to ensuring emergency communications interoperability at all levels of government. The NECP was updated to address the current gaps within emergency communications, reflect new and emerging technological advancements, and provide guidance to drive the nation towards a common end-state for communications.

CISA engaged more than 3,500 public safety representatives from federal, state, local, tribal, and territorial public safety agencies, non-governmental organizations, and other groups to ensure the NECP is reflective of their emergency communications expertise, experience and needs.

The NECP aligns with the Communications and Information Management component in the National Incident Management System and strives to prepare stakeholders for a rapidly evolving emergency communications landscape.

To review the updated NECP visit: <https://www.cisa.gov/necp> or for questions about the NECP, contact: necp@cisa.dhs.gov.

CISA is committed to supporting the Nation's emergency responders and will continue to partner with the public safety community to accomplish the NECP's goals and objectives.

Future Bay Area Events

- Current Bay Area Public Service Events: See www.ebarc.org, click on "Current Events", then scroll to "Calendar of Bay Area Ham Radio Public Service Events."
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. in the Media Room, 1605 Martin Luther King Jr. Way (at 16th St.), Oakland. The remaining test date for 2019 is Oct 27. The fee for 2019 is still \$15. Info: 510-918-4627 or 510-741-8227.
- East Bay Section ARRL ARES; arrl.volunteerhub.com/lp/eb. CoCoCo ACS Training: Details from "DJ" djovida, KJ6DJ, kj6dj@arrl.net, (415) 215-6658, or via RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$30 for individual membership, \$35 for a family membership, and \$10 for students K-12. For information, send email to ebarc.w6cus@gmail.com, contact any EBARC officer, see Web page www.ebarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2019 East Bay Amateur Radio Club Executive Committee

Todd Teachout, KM6HFU, President	799-6051
Katie Carney, KN6APB, 1 st VP - Program Chair	326-3886
Craig Hauger, KI6EMD, 2 nd VP - Hospitality.....	672-8382
Sharon Primbsch, AA6XZ, 3 rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Robin Spalding, N6RLS, Secretary / Twitter	528-1144
Maria Hauger, KI6ENT, Treasurer / Finance Committee Chair	672-8382
Mathison Ott, KJ6DZB, Member-at-Large / Field Day Chair	701-0234
Member-at-Large	

2019 EBARC's Other Committee Heads and Contacts

W6CUS Trustee; Jack Burris, K6JEB.....	415-305-2547
Club Station Manager; Stanton Gleason, KD6SWU.....	385-4044
Education; Ken Fowler, KO6NO.....	222-0830
Webmaster, Facebook, & Meetup.....	
Social & Digital Committees Chair	
RFI Committee Chair.....	
Historian	

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa EMCOMM Net	Thurs	1845 (PL 82.5-)	145.110
KARO/ECHO ARES/RACES(ACS) Net	Thurs	~1900 simplex	146.415
EBARC "Explore Net" (HF)	Mon	1930 (USB)	28.425
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8+)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77-)	146.880
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5-)	145.110
Tech Net	Thurs	2000 (PL 82.5-)	145.110
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5-)	145.110
Northern Calif. Net VHF Session (traffic)	Daily	1930 (PL 107.2-)	145.410
"QRM Net"	Tues	1930 (PL 82.5-)	224.300
9 a.m. Talk Net	Mo-Fr	0900 (PL 100.0-)	145.230
Youth Net	Sat	1400 (PL 100.0-)	145.230

ACS West CoCoCo: "DJ" djovida, KJ6DJ, kj6dj@arrl.net, (415) 215-6658.
Frequencies: #1=145.110, #2=147.570s.

HAM RADIO OUTLET

MULTI-STORE BUYING POWER!

ICOM



IC-9700
All Mode Tri-Band Transceiver



IC-7300
HF Transceiver



IC-7100
All Mode Transceiver



ID-5100A Deluxe
VHF/UHF Dual Band Digital Transceiver



ID-51A Plus2
VHF/UHF D-STAR Portable

KENWOOD



TS-590SG
HF/50MHz Transceiver



TM-D710G
2M/440 Dualband



TM-V71A
2M/440 DualBand



TM-281A
2 Mtr Mobile



TH-D74A
2M/220/440 HT

YAESU
The radio



FT-991A
HF/VHF/UHF Transceiver



FT-891
HF+50 MHz All Mode Transceiver



FT-450D
A100W HF + 6M Transceiver



FTM-400XD
2M/440 Mobile



FT-70DR
C4FM/FM 144/430 Xcvr

5 Ways to Shop!

- RETAIL LOCATIONS - Store hours 10:00AM - 5:30PM - Closed Sunday
- PHONE - Toll-free phone hours 9:30AM - 5:30PM
- FAX - All store locations
- ONLINE - WWW.HAMRADIO.COM
- MAIL - All store locations

HRO is family owned and operated by active hams!

ANAHEIM, CA
(800) 854-6046
BURBANK, CA
(877) 892-1748

OAKLAND, CA
(877) 892-1745
SAN DIEGO, CA
(877) 520-9623

PORTLAND, OR
(800) 765-4267
DENVER, CO
(800) 444-9476

PHOENIX, AZ
(800) 559-7388
ATLANTA, GA
(800) 444-7927

MILWAUKEE, WI
(800) 558-0411
NEW CASTLE, DE
(800) 644-4476

WOODBIDGE, VA
(800) 444-4799
SALEM, NH
(800) 444-0047

PLANO, TX
(877) 455-8750
ONLINE STORE
WWW.HAMRADIO.COM